18-year-old presenting with spontaneous abortion with pain and vaginal bleeding. Two specimens were received: “product of conception” and “adherent tissue to posterior endometrium”.
Differential diagnoses

A. Placental site trophoblastic tumor (PSTT)
B. Exaggerated implantation site reaction (EPS)
C. Placental site nodule (PSN)
D. Atypical placental site nodule (APSN)
Additional Images

KI-67
Fragments of endomyometrium display an exuberant distribution of intermediate trophoblast, simulating an infiltrating neoplasm or PSTT. There are multinucleated trophoblastic cells that are relatively evenly distributed throughout the lesion. Ki-67 stain shows absence of nuclear staining in the trophoblast, in contrast to positively stained background small lymphocytes.
Final Diagnosis: Exaggerated Implantation Site (EPS)